BRAIN:

A JOURNAL OF NEUROLOGY.

EDITED BY

J. C. BUCKNILL, M.D., F.R.S.,

J. CRICHTON-BROWNE, M.D., LL.D.,

D. FERRIER, M.D., F.R.S., AND

J. HUGHLINGS-JACKSON, M.D., F.R.S.

VOL. II.

APRIL 1879 to JANUARY 1880.

London:

MACMILLAN AND CO.

1880.

LONDON:
PRINTED BY WILLIAM CLOWES AND SONS,
STAMFORD STREET AND CHARING CROSS.

CONTENTS.

ORIGINAL ARTICLES:— PAGE

The Re-Education of the Adult Brain. By William Sharpey, M.D., LL.D., F.R.S. 1

Observations on Neuritis and Peri-Neuritis of some of the Cranial Nerves. By Julius Althaus, M.D., M.R.C.P. Lond. 10

Auditory Vertigo. By J. Hughlings-Jackson, M.D., F.R.S. . . . 29

Note on a Reflex Mechanism in the Fixation of the Eyeballs. By W. R. Gowers, M.D. 39

On the Weight of the Brain and its Component Parts in the Insane. By J. Crichton-Browne, M.D., LL.D. 42

Psychometric Experiments. By Francis Galton, F.R.S. 149

On the Electrical Excitability of the Skin. By S. Tschiriew, M.D. (St. Pet.), &c., and A. de Watteville, M.A. (Lond.), &c. . . . 163

The Eye-Symptoms in Locomotor Ataxia. By T. Grainger Stewart, M.D., &c. 181

Remarks on Bulbar Paralysis, with Special Reference to Artificial Feeding. By Thomas Stretch Dowse, M.D., F.R.C.P. (Ed.) . . 191

On Affections of Speech from Disease of the Brain. By J. Hughlings-Jackson, M.D., F.R.C.P., F.R.S. 203, 323

Vomiting in connection with Cerebral Disease. By D. Ferrier, M.D., F.R.S. 223

Sunstroke and some of its Sequelæ. By Sir Joseph Fayrer, K.C.S.I., F.R.S. 297

"Re-Education of the Adult Brain." By J. Mortimer Granville, M.D. 317

The Therapeutic Value of Citrate of Caffein as a General Sedative, Anodyne, and Diuretic. By Lewis Shapter, M.D. (Cantab.) . 357

Notes on certain Lesions of the Nervous Tissues of frequent occurrence in the Brain of the Insane. By Bevan Lewis, L.R.C.P. . . 364

On the Balance of Pressure within the Skull. By James Cappie, M.D. 373

Chronic Morphinism. By H. Obersteiner, M.D. 449

Illustrations of the Diseases of the Pons Varolii. By W. R. Gowers, M.D. 466

On the Origin of Tetanus. By Surgeon-Major J. J. L. Ratton, M.D. . 478

Heredity and Crime in Epileptic Criminals. By Henry Clarke, L.R.C.P. (Lond.) 491

112248

CRITICAL DIGESTS AND NOTICES OF BOOKS:—

PAGE

Engelmann on the Hystero-Neuroses. By A. Hughes Bennett, M.D. . 68
Barlow on Regressive Paralysis. By Thomas Barlow 73
Murphy on Habit and Intelligence. By F. L. Benham, M.B. . . 78
Dowse on the Brain and its Diseases. By T. Clifford Allbutt . . 95
Huxley on Hume. By John Charles Bucknill 99
Luciani and Tamburini on the Functions of the Brain. The Psycho-sensory Cortical Centres. By A. Rabagliati 234
Grant Allen on the Colour Sense: its Origin and Development. By F. L. Benham 250
Gowers' Manual and Atlas of Ophthalmoscopy. By T. Clifford Allbutt, M.D. 385
Lewes on the Study of Psychology. By F. L. Benham, M.B. . . 390
Boyer's Etudes Cliniques sur les Lésions Corticales. By D. Ferrier, M.D., F.R.S. 400
Clifford's Lectures and Essays. By J. C. Bucknill, M.D., F.R.S. . 403
Balfour's Defence of Philosophical Doubt. By J. C. Bucknill, M.D., F.R.S. 528
Calderwood's Relations of Mind and Brain. By W. W. Ireland, M.D. 535
Müller on the Acute Anterior Poliomyelitis of the Adult. By A. de Watteville 540

CLINICAL CASES:—

On Simple Aphasia, and Aphasia with Incoherence. By Dr. Magnan . 112
A Case of Chorea, in which Death was caused by Cerebral Hæmorrhage. By E. Buchanan Baxter, M.D., F.R.C.P. 124
Some Cases of Nerve Resection and Nerve Stretching. Reported by Herbert W. Page, M.A., F.R.C.S. 128
Case of Locomotor Ataxy. By C. F. Newcombe, M.D. . . . 134
A Case of Double Optic Neuritis, with Remarks on the Causation of Optic Neuritis. By Stephen Mackenzie, M.D. 257
Case of Purulent Cerebral and Spinal Meningitis, &c. By Joseph W. Hunt, M.D. 409
Clinical Cases of Hernia Cerebri. By John Duncan, M.A., M.D. . 413
Case of Acute Ascending Paralysis. By Arthur W. Fox, M.B. . . 418
Puncture of Lens: Ophthalmitis: Brain Disease: Death. By T. Pridgin Teale, M.A., F.R.C.S. 423
Case of Pseudo-hypertrophic Spinal Paralysis occurring in an Adult. By A. Hughes Bennett, M.D. 426
Case of Acute Traumatic Tetanus. By J. J. L. Ratton, M.D. . . 430

PAGE

Five Cases of Disease of the Brain, &c. By Charles K. Mills, M.D. . 547
Cases of Intracranial Tumour. By James Ross, M.D. . . . 569
A Case of Hemiplegia due to Wasting of Cerebral Convolutions. By Francis Warner, M.D., M.R.C.P., and Fletcher Beach, M.B., M.R.C.P. 576

ABSTRACTS OF BRITISH AND FOREIGN JOURNALS:—

Progressive Amyotrophic Bulbar Paralysis—A New Theory of Locomotor Ataxia—Progressive Muscular Atrophy—Multiple Cerebro-Spinal Sclerosis—The Influence of the Nervous System on the Irritability of the Motor Nerves. By W. J. Dodds, M.B., D.Sc. . 139
Pathological Lesions versus Motor Centres—Diagnosis of Lesions of the Cortex Cerebri—Ergot in Insanity. By W. W. Ireland, M.D. 144
The Spinal Ganglia and Spinal Cord of the Petromyzon—Proliferations of the Ependyma Ventriculorum. By H. Obersteiner . . . 147
Hystero-Neuroses. By Robert Lawson, M.B. 148
On Metallo- and Magneto-Therapeutics. By A. de Watteville . . 275
On the Cephalic Ganglion and Retina in the Arthropoda (Berger). On the Structure of a Microcephalic Brain (Rohon) By H. Obersteiner . 285
On the Termination of Nerves in Striated Muscles. The tone of Striated Muscle (Tschiriew). By D. Ferrier 286
Note on Infantile Paralysis. By Thomas Barlow 289
Gray on Heredity in Epilepsy. By J. Crichton-Browne . . . 290
A Series of Annotations. By A. R. Urquhart 291
Case of Unilateral Epilepsy. Una Microcefala. By W. W. Ireland . 296
Report on Visceral Neurology. By J. Mitchell Bruce, M.D. . . 434
Locomotor Ataxy, and its Connection with Injuries (Petit). By Herbert W. Page 440
Cases of Bulbar Paralysis (Erb); Conclusions from the Study of 125 Cases of Writers' Cramp, and Allied Affections (Beard). By A. de Watteville 443
Dimensions of the Fœtal Head (Budin and Ribement). By A. R. Urquhart, M.D. 445
American Neurological Notes. By R. Lawson, M.B. . . . 446
On the Sensory Centres of the Cortex Cerebri (Luciani and Tamburini). By W. W. Ireland 580
On a Case of Progressive Muscular Atrophy, &c. (Erb and Schultze); Concussion of the Spinal Cord (Obersteiner); Localisation of Atrophic Spinal Paralyses (Remak). By A. de Watteville . . 581
On the Structure of the Cortex Cerebri (Stricker and Unger); Shrivelling and Atrophy of the Cornu Ammonia in Epilepsy; A Case of Cortical Epilepsy. By H. Obersteiner 585

PAGE

On the Pathological Anatomy of Hydrophobia (Weller): On Combined Disease of the Spinal Tracts (Westphal). By W. J. Dodds, M.D., D.Sc. 586

Head Measurements (Wight). By Crochley Clapham . . . 591

General Paralysis amongst Negroes. By Robert Lawson, M.B. . . 592

CORRESPONDENCE:—

Note on Dr. J. Hughlings-Jackson's Case of Auditory Vertigo in April Number of 'BRAIN' 273

LIST OF CONTRIBUTORS.

ALLBUTT, T. CLIFFORD, M.A., M.D.
ALTHAUS, JULIUS, M.D., M.R.C.P.
BARLOW, THOMAS, M.D.
BAXTER, E. BUCHANAN, M.D., F.R.C.P.
BEACH, FLETCHER, M.B., M.R.C.P.
BENHAM, F. L., M.B.
BENNETT, A. HUGHES, M.D.
BRUCE, J. MITCHELL, M.D., F.R.C.P.
BUCKNILL, J. C., M.D., F.R.S.
CAPPIE, JAMES, M.D.
CLAPHAM, CROCHLEY, L.R.C.P.
CLARKE, HENRY, L.R.C.P. (Lond.)
CRICHTON-BROWNE, J., M.D., LL.D.
DE WATTEVILLE, A., M.A. B.Sc. (Lond.).
DODDS, W. J., M.B., D.Sc. (Edin.).
DOWSE, THOMAS STRETCH, M.D., F.R.C.P. (Edin.).
DUNCAN, JOHN, M.A., M.D.
FAYRER, SIR JOSEPH, K.C.S.I., F.R.S.
FERRIER, DAVID, M.D., F.R.S.
FOX, ARTHUR W., M.B.
GALTON, FRANCIS, F.R.S.
GOWERS, W. R., M.D., F.R.C.P.
GRANVILLE, J. MORTIMER, M.D.
HUGHLINGS-JACKSON, J., M.D., F.R.S., F.R.C.P.
HUNT, JOSEPH W., M.D. (Lond.).
IRELAND, W. W., M.D.
LAWSON, ROBERT, M.B.
LEWIS, BEVAN, L.R.C.P.
MACKENZIE, STEPHEN, M.D., F.R.C.P.
MAGNAN, Dr. (Paris).
MILLS, CHARLES K., M.D. (Philadelphia).
NEWCOMBE, C. F., M.D.
OBERSTEINER, Dr. H. (Vienna).
PAGE, HERBERT W., M.A., F.R.C.S.
RABAGLIATI, A., M.D.
RATTON, J. J. L., M.D.
ROSS, JAMES, M.D.
SHAPTER, LEWIS, M.D.
SHARPEY, WILLIAM, M.D., LL.D. F.R.S.
STEWART, T. GRAINGER, M.D.
TEALE, T. PRIDGIN, M.A., F.R.C.S.
TSCHIRIEW, S., M.D. (St. Pet.).
URQUHART, A. R., M.D.
WARNER, FRANCIS, M.D., M.R.C.P.

LIST OF ILLUSTRATIONS.

	PAGE
Aphasia :—	
Simple Aphasia (Observations 1 and 2)	113
Aphasia with Incoherence (Observation 3)	117
Sarcoma of Neuroglia	121
Indented Cavity of the Left Hemisphere, caused by the Sarcoma of Neuroglia	121
Electrode for Testing the Electrical Excitability of the Skin (*Woodcut*)	165
Functional Localisations of the Cerebral Cortex of the Dog, according to Munk (*Woodcuts*)	236
A Case of Double Optic Neuritis (Section through deeper part of Frontal Convolution, &c.)	266
Certain Lesions of Nervous Tissues in the Brain of the Insane	369
Illustrations of Diseases of the Pons Varolii :—	
Section through the Crura Cerebri, just above the Pons (*Woodcut*)	473
Section through the Left Half of the Pons Varolii at Level of Exit of Fifth Nerve (*Woodcut*)	476
Charcot's Scheme of Optic Tracts (*Woodcut*)	574
The Ear in a Case of Hemiplegia dūe to Wasting of Cerebral Convolutions	578